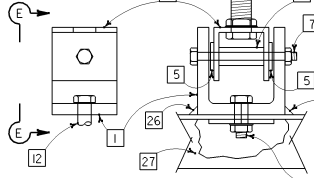
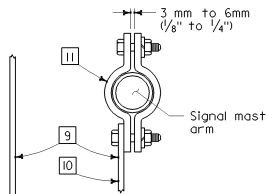
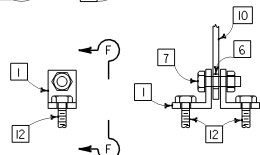
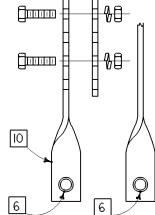


VIEW D-D

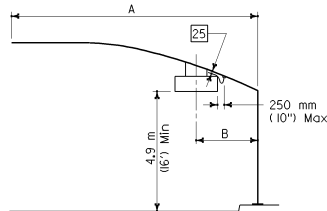


VIEW E-E

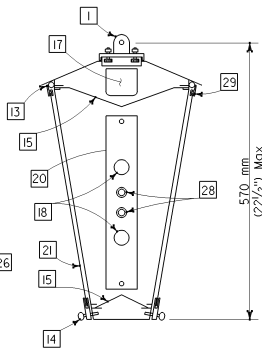


VIEW F-F

MOUNTING ASSEMBLY OPTIONS

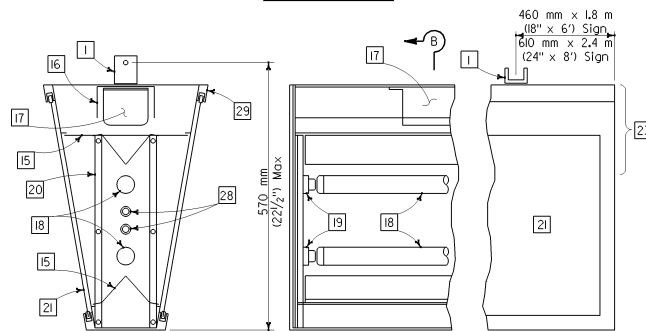


SIGN PLACEMENT



SECTION A-A

TYPE A SIGN



SECTION B-B

TYPE B SIGN

SIGN PLACEMENT

A		B	
1.8-m (6') Sign		2.4-m (8') Sign	
6.1 m (20')	2.4 m (7.8')	2.7 m (8.8')	
7.6 m (25')	2.8 m (9.1')	3.1 m (10.1')	
9.1 m (30')	2.9 m (9.5')	3.2 m (10.5')	
10.7 m (35')	3.2 m (10.5')	3.5 m (11.5')	
12.2 m (40')	3.8 m (12.5')	4.1 m (13.5')	
13.7 m (45')	3.8 m (12.5')	4.1 m (13.5')	
15.2 m (50')	3.8 m (12.5')	4.1 m (13.5')	
16.8 m (55')	3.8 m (12.5')	4.1 m (13.5')	

NOTES

- [1] Lower mounting assembly, with gasket.
- [2] Upper mounting assembly.
- [3] Rod, 13 mm (1/2") ϕ , stainless steel.
- [4] Looking pin, steel.
- [5] Flat washer, stainless steel.
- [6] Bushing, bronze.
- [7] Bolt, 6 mm (1/4") ϕ stainless steel, with self-locking nut.
- [8] Bolt, 13 mm (1/2") ϕ stainless steel, with three nuts, and cotter key. Length as required for proper mounting of sign.
- [9] Bracket, 6 mm x 40 mm (1/4" x 1 1/2") minimum length variable.
- [10] Bracket, 2-piece adjustable, 6 mm x 40 mm (1/4" x 1 1/2") minimum. Two 13 mm (1/2") ϕ hexagon head bolts with nuts and lockwashers.
- [11] Clamp, 2-piece, shaped to fit mast arm. 6 mm x 40 mm (1/4" x 1 1/2") minimum. Two 13 mm (1/2") ϕ hexagon head bolts with lockwashers.
- [12] Mounting bolt, 6 mm (1/4") ϕ minimum, with nut and lockwasher, or self-locking nut and cotter key.
- [13] Continuous hinge.
- [14] Thumb screw, 16 mm (5/8") ϕ , minimum two per side on 1220 mm (48") centers.
- [15] Reflector, 1 mm (0.040") minimum thickness.
- [16] Aluminum stiffener.
- [17] Fluorescent ballast (2 required).
- [18] Lamp, F72T12CW for 1.8 m (6') sign F96T12CW for 2.4 m (8') sign
- [19] Lamp holder.
- [20] Lamp holder turret.
- [21] Sign panel, 380 mm (15") minimum height. Message is shown elsewhere.
- [22] Cord, 16/3 type SJT. Continuous from sign terminal block to signal head mounting terminal compartment. Form a 300 mm (12") drip loop between sign and mast arm.
- [23] Cord connector. 90° angle at sign. Locate in upper 1/3 of sign. Straight at mast arm. Drill and tap bottom of mast arm.
- [24] Adjust fixture level and no lower than center of signal arm connection.
- [25] Approximate clearance, 25 mm (1").
- [26] 6 mm (1/4") Fillet weld, 32 mm (1 1/4") long.
- [27] Sign frame.
- [28] Fuse holder and fuse.
- [29] Close cell neoprene gasket (continuous).


STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**SIGN ILLUMINATION
INTERNALLY ILLUMINATED
STREET NAME SIGN**

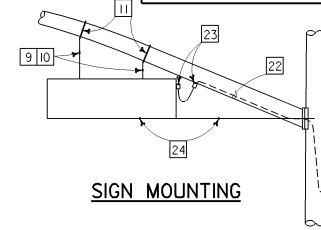
These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measurements shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

ES-70

DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST NO.	SHEET NO.	TOTAL SHEETS


 REGISTERED CIVIL ENGINEER
 No. C41260
 State of California
 July 1, 2002
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SIGN MOUNTING